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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/092,750

DATE: 03/26/2002 P.5
TIME: 13:17:23

Input Set : A:\50036.050002.SEQLIST.TXT

Output Set: N:\CRF3\03262002\J092750.raw

4 <110> APPLICANT: Hammond, Philip W.
5 Alpin, Julia
6 Wright, Martin C.
8 <120> TITLE OF INVENTION: Polypeptides Interactive with BCL-XL
11 <130> FILE REFERENCE: 50036/050002
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/092,750
C--> 13 <141> CURRENT FILING DATE: 2002-03-07
13 <150> PRIOR APPLICATION NUMBER: US 60/274,526
14 <151> PRIOR FILING DATE: 2001-03-08
16 <160> NUMBER OF SEQ ID NOS: 253
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 35
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
26 Ala Ser Met Arg Gln Ala Glu Pro Ala Asp Met Arg Pro Glu Ile Trp
27 1 5 10 15
28 Ile Ala Gln Glu Leu Arg Arg Ile Gly Asp Glu Phe Asn Ala Tyr Tyr
29 20 25 30
30 Ala Arg Glu
31 35
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 18
36 <212> TYPE: PRT
37 <213> ORGANISM: Homo sapiens
39 <400> SEQUENCE: 2
40 Gly Gln Val Gly Arg Gln Leu Ala Ile Ile Gly Asp Asp Ile Asn Arg
41 1 5 10 15
42 Arg Lys
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 32
48 <212> TYPE: PRT
49 <213> ORGANISM: Homo sapiens
51 <400> SEQUENCE: 3
52 Lys Leu Ser Glu Cys Leu Lys Arg Ile Gly Asp Glu Leu Asp Ser Asn
53 1 5 10 15
54 Met Glu Leu Gln Arg Met Ile Ala Ala Val Asp Thr Asp Ser Pro Arg
55 20 25 30
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 46
60 <212> TYPE: PRT
61 <213> ORGANISM: Homo sapiens

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Input Set : A:\50036.050002.SEQLIST.TXT

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63 <400> SEQUENCE: 4
64 Thr Gly Lys Glu Ala Ile Leu Arg Arg Leu Val Ala Leu Leu Glu Glu
65 1 5 10 15
66 Glu Ala Glu Val Ile Asn Gln Lys Leu Ala Ser Asp Pro Ala Leu Arg
67 20 25 30
68 Ser Lys Leu Val Arg Leu Ser Ser Asp Ser Phe Ala His Leu
69 35 40 45
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 30
74 <212> TYPE: PRT
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 5
78 Gln Arg Gly Met Leu Tyr Tyr Gln Thr Glu Lys Tyr Asp Leu Ala Ile
79 1 5 10 15
80 Lys Asp Leu Lys Glu Ala Leu Ile Gln Leu Arg Gly Asn Asn
81 20 25 30
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 38
86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 6
90 Gly Gly Glu Ser Asp Thr Asp Pro His Phe Gln Asp Ala Leu Met Gln
91 1 5 10 15
92 Leu Ala Lys Ala Val Ala Ser Ala Ala Ala Leu Val Leu Lys Ala
93 20 25 30
94 Lys Ser Val Ala Gln Arg
95 35
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 35
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 7
104 Gly Thr Arg Gln Asp Arg Met Phe Glu Thr Met Ala Ile Glu Ile Glu
105 1 5 10 15
106 Gln Leu Leu Ala Arg Leu Thr Gly Val Asn Asp Lys Met Ala Glu Tyr
107 20 25 30
108 Thr Asn Ala
109 35
112 <210> SEQ ID NO: 8
113 <211> LENGTH: 33
114 <212> TYPE: PRT
115 <213> ORGANISM: Homo sapiens
117 <400> SEQUENCE: 8
118 Ala Val Gln Glu Asp Pro Val Gln Arg Glu Ile His Gln Asp Trp Ala
119 1 5 10 15
120 Asn Arg Glu Tyr Ile Glu Ile Ile Thr Ser Ser Ile Lys Lys Ile Ala
121 20 25 30
122 Asp
126 <210> SEQ ID NO: 9

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/092,750

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Input Set : A:\50036.050002.SEQLIST.TXT

Output Set: N:\CRF3\03262002\J092750.raw

127 <211> LENGTH: 33
 128 <212> TYPE: PRT
 129 <213> ORGANISM: Homo sapiens
 131 <400> SEQUENCE: 9
 132 Ala Thr Arg Gln Ala Leu Asn Glu Ile Ser Ala Arg His Ser Gly Ile
 133 1 5 10 15
 134 Gln Gln Leu Glu Arg Ser Ile Arg Glu Leu His Asp Ile Phe Thr Phe
 135 20 25 30
 136 Leu
 140 <210> SEQ ID NO: 10
 141 <211> LENGTH: 28
 142 <212> TYPE: PRT
 143 <213> ORGANISM: Homo sapiens
 145 <400> SEQUENCE: 10
 146 Met Phe Ser Asp Ile Tyr Gly Ile Arg Glu Ile Ala Asp Gly Leu Cys
 147 1 5 10 15
 148 Leu Glu Val Glu Gly Lys Met Val Ser Arg Pro Glu
 149 20 25
 152 <210> SEQ ID NO: 11
 153 <211> LENGTH: 25
 154 <212> TYPE: PRT
 155 <213> ORGANISM: Homo sapiens
 157 <400> SEQUENCE: 11
 158 Phe Trp Leu Glu Glu Arg Asp Phe Glu Ala Gly Val Phe Glu Leu Glu
 159 1 5 10 15
 160 Ala Ile Val Asn Ser Ile Lys Arg Ser
 161 20 25
 164 <210> SEQ ID NO: 12
 165 <211> LENGTH: 40
 166 <212> TYPE: PRT
 167 <213> ORGANISM: Homo sapiens
 169 <400> SEQUENCE: 12
 170 Met Lys Trp Asp Thr Asp Asn Thr Leu Gly Thr Glu Ile Ser Trp Glu
 171 1 5 10 15
 172 Asn Lys Leu Ala Glu Gly Leu Lys Leu Thr Leu Asp Thr Ile Phe Val
 173 20 25 30
 174 His His Val Leu His Ala Pro His
 175 35 40
 178 <210> SEQ ID NO: 13
 179 <211> LENGTH: 31
 180 <212> TYPE: PRT
 181 <213> ORGANISM: Homo sapiens
 183 <400> SEQUENCE: 13
 184 Arg Gly Ala Val Phe Ser Gln Asp Lys Asp Val Val Gln Glu Ala Thr
 185 1 5 10 15
 186 Lys Val Leu Arg Asn Ala Ala Asp Asn Phe Tyr Ile Asn Asp Arg
 187 20 25 30
 190 <210> SEQ ID NO: 14
 191 <211> LENGTH: 33

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/092,750

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Input Set : A:\50036.050002.SEQLIST.TXT

Output Set: N:\CRF3\03262002\J092750.raw

192 <212> TYPE: PRT
 193 <213> ORGANISM: Homo sapiens
 195 <400> SEQUENCE: 14
 196 Thr Gly Thr Gly Ala Pro Arg Phe Ile Lys Glu Val Gln Glu Leu Asn
 197 1 5 10 15
 198 Ser Ala Leu His Gln Ser Asp Leu Ile Asp Ile Tyr Arg Thr Leu His
 199 20 25 30
 200 Pro
 204 <210> SEQ ID NO: 15
 205 <211> LENGTH: 20
 206 <212> TYPE: PRT
 207 <213> ORGANISM: Homo sapiens
 209 <400> SEQUENCE: 15
 210 Ser Asn Glu Leu Thr Arg Ala Val Glu Glu Leu His Lys Leu Leu Lys
 211 1 5 10 15
 212 Glu Ala Arg Glu
 213 20
 216 <210> SEQ ID NO: 16
 217 <211> LENGTH: 33
 218 <212> TYPE: PRT
 219 <213> ORGANISM: Homo sapiens
 221 <400> SEQUENCE: 16
 222 Thr Tyr Trp Asn Leu Leu Pro Pro Lys Arg Pro Ile Lys Glu Val Leu
 223 1 5 10 15
 224 Thr Asp Ile Phe Ala Lys Val Leu Glu Lys Gly Trp Val Asp Ser Arg
 225 20 25 30
 226 Ser
 230 <210> SEQ ID NO: 17
 231 <211> LENGTH: 19
 232 <212> TYPE: PRT
 233 <213> ORGANISM: Homo sapiens
 235 <400> SEQUENCE: 17
 236 Leu Phe Thr Ile Leu Leu Thr Leu Trp Thr Met Arg Cys Ser Ser Thr
 237 1 5 10 15
 238 Pro Ser Gly
 242 <210> SEQ ID NO: 18
 243 <211> LENGTH: 28
 244 <212> TYPE: PRT
 245 <213> ORGANISM: Homo sapiens
 247 <400> SEQUENCE: 18
 248 Ala Gly Glu Asp Met Glu Ile Ser Val Lys Glu Leu Arg Thr Ile Leu
 249 1 5 10 15
 250 Asn Arg Ile Ile Ser Lys His Lys Asp Leu Arg Thr
 251 20 25
 254 <210> SEQ ID NO: 19
 255 <211> LENGTH: 26
 256 <212> TYPE: PRT
 257 <213> ORGANISM: Homo sapiens
 259 <400> SEQUENCE: 19

RAW SEQUENCE LISTING

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Input Set : A:\50036.050002.SEQLIST.TXT

Output Set: N:\CRF3\03262002\J092750.raw

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260 Gly Leu Arg Glu Glu Ser Glu Glu Tyr Met Ala Ala Ala Asp Glu Tyr
261 1 5 10 15
262 Asn Arg Leu Lys Gln Val Lys Gln Pro Ala
263 20 25
266 <210> SEQ ID NO: 20
267 <211> LENGTH: 67
268 <212> TYPE: PRT
269 <213> ORGANISM: Homo sapiens
271 <220> FEATURE:
272 <221> NAME/KEY: VARIANT
273 <222> LOCATION: 58, 62, 65
274 <223> OTHER INFORMATION: Xaa = Any Amino Acid
276 <400> SEQUENCE: 20
277 Lys Gly Ile Ile Ser Arg Leu Met Ser Val Glu Glu Glu Leu Lys Arg
278 1 5 10 15
279 Asp His Ala Glu Met Gln Ala Gly Cys Gly Leu Gln Thr Glu Asp His
280 20 25 30
281 Leu Met Pro Arg Arg Ser Ala Phe Ala Ser Leu Asp Ala Val Asn Ala
282 35 40 45
W--> 283 Arg Leu Met Ser Ala Leu Thr Pro Ala Xaa Arg Tyr Val Xaa His Cys
284 50 55 60
W--> 285 Xaa Pro Leu
286 65
289 <210> SEQ ID NO: 21
290 <211> LENGTH: 26
291 <212> TYPE: PRT
292 <213> ORGANISM: Homo sapiens
294 <400> SEQUENCE: 21
295 Trp Glu Arg Ile Glu Glu Arg Leu Ala Tyr Ile Ala Asp His Leu Gly
296 1 5 10 15
297 Phe Ser Trp Thr Glu Leu Ala Arg Ala Leu
298 20 25
301 <210> SEQ ID NO: 22
302 <211> LENGTH: 27
303 <212> TYPE: PRT
304 <213> ORGANISM: Homo sapiens
306 <400> SEQUENCE: 22
307 Ala Arg Gly Asp Phe Ala Gln Ala Ala Gln Gln Leu Trp Leu Ala Leu
308 1 5 10 15
309 Arg Ala Leu Gly Arg Pro Leu Pro Thr Ser His
310 20 25
313 <210> SEQ ID NO: 23
314 <211> LENGTH: 30
315 <212> TYPE: PRT
316 <213> ORGANISM: Homo sapiens
318 <400> SEQUENCE: 23
319 Gly Ser Ser Lys Asp Leu Ala Lys His Ile Gln Val Val Cys Asp Gly
320 1 5 10 15
321 Met Asp Leu Thr Pro Lys Ile His Asp Leu Lys Pro Gln Cys

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/092,750

DATE: 03/26/2002

TIME: 13:17:24

Input Set : A:\50036.050002.SEQLIST.TXT

Output Set: N:\CRF3\03262002\J092750.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:1168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:1194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97
L:1207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98
L:1224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99
L:1351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111
L:1353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111
L:1554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:1569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
L:1654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:139
L:1678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:141
L:1726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:145
L:1741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:146
L:1756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:147